

FIG. 1

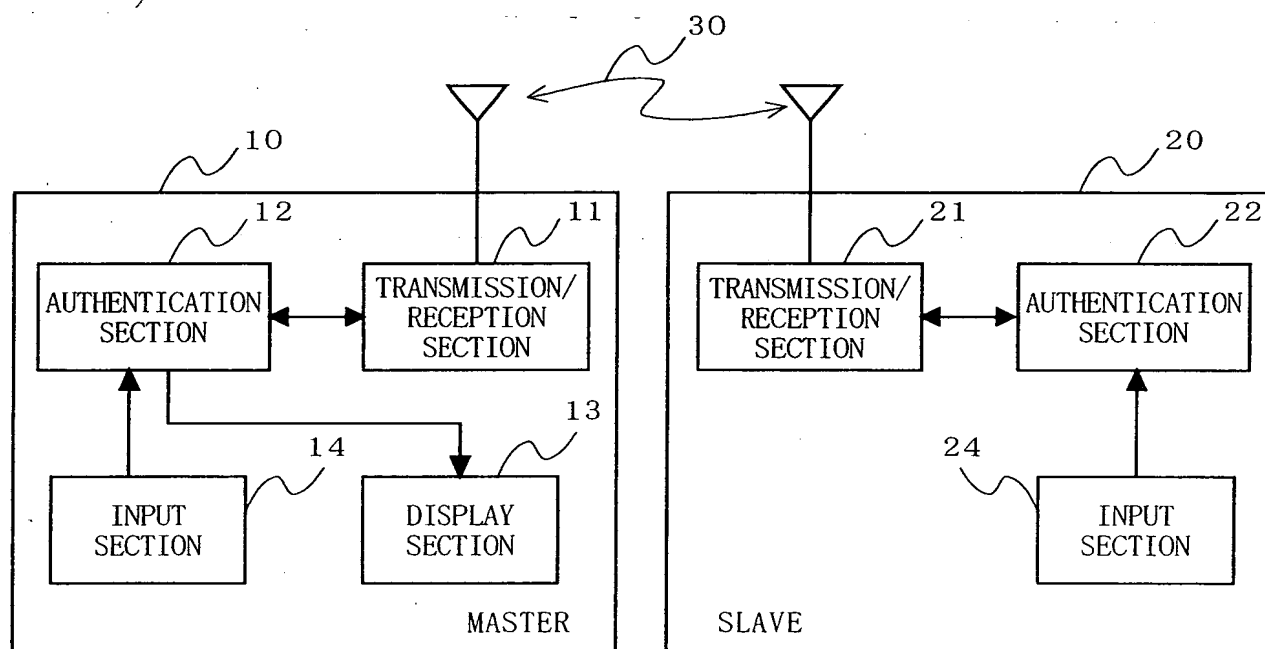


FIG. 2

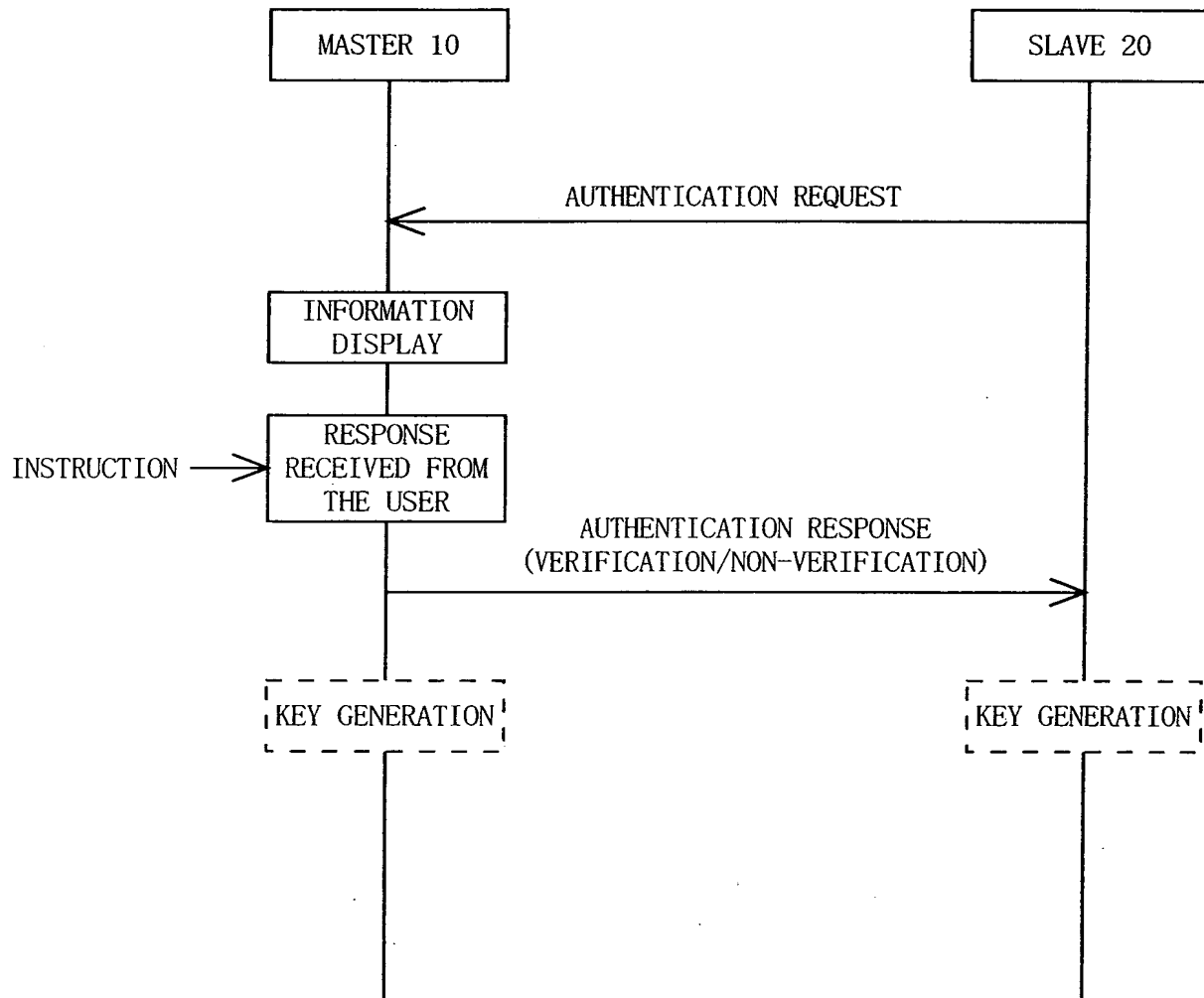
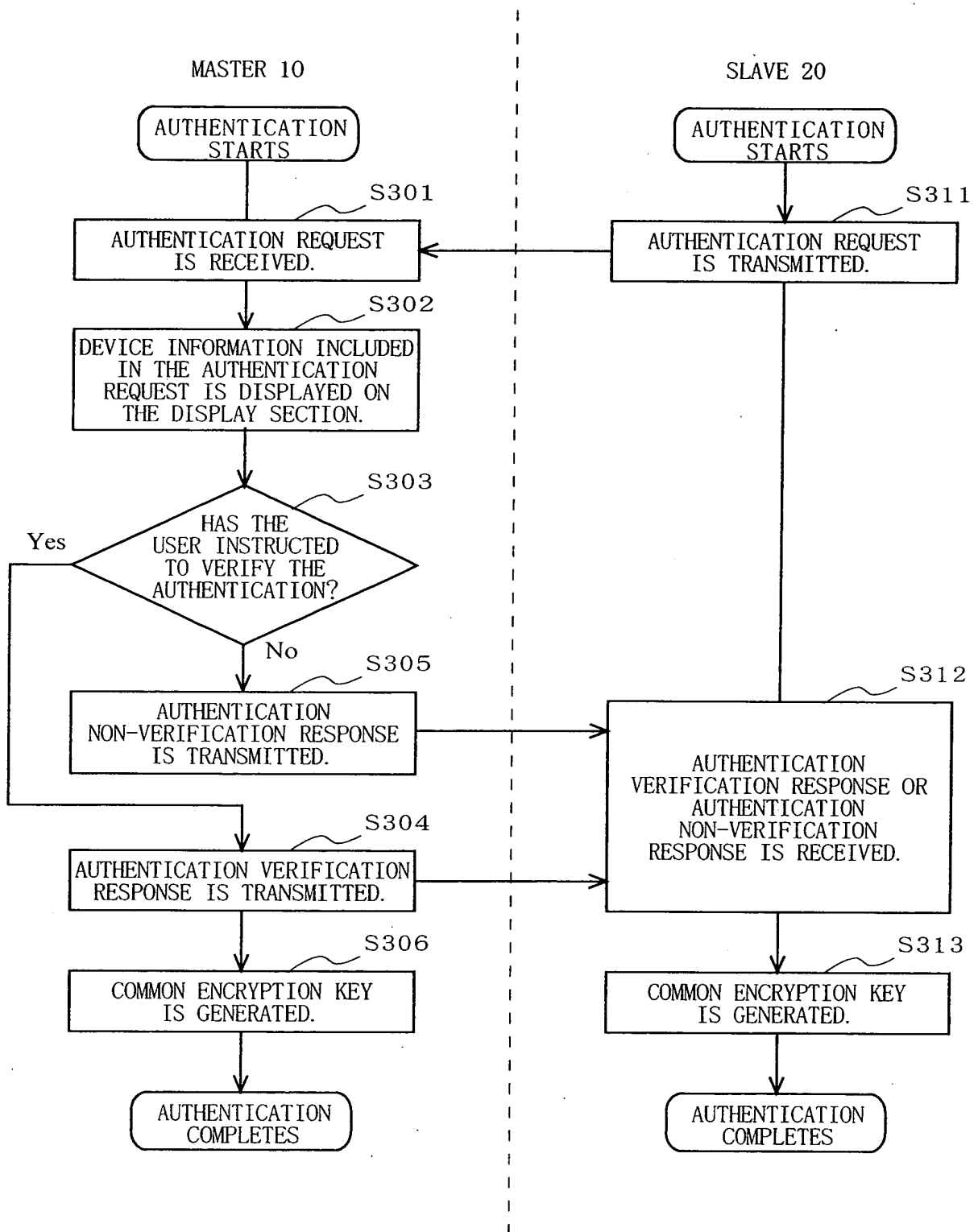


FIG. 3



F I G . 4 A

AUTHENTICATION REQUEST
IDENTIFICATION NUMBER (IDs)
PUBLIC KEY (PubKey)
ENCRYPTION ALGORITHM (EncAlg)
[ELECTRONIC SIGNATURE (Sign), ELECTRONIC SIGNATURE ALGORITHM (SigAlg)]

F I G . 4 B

AUTHENTICATION RESPONSE
IDENTIFICATION NUMBER (PubKey (IDm))
RANDOM NUMBER (PubKey(N))

FIG. 5A

ID:PANA-00001 Key:ARocketToTheMoon

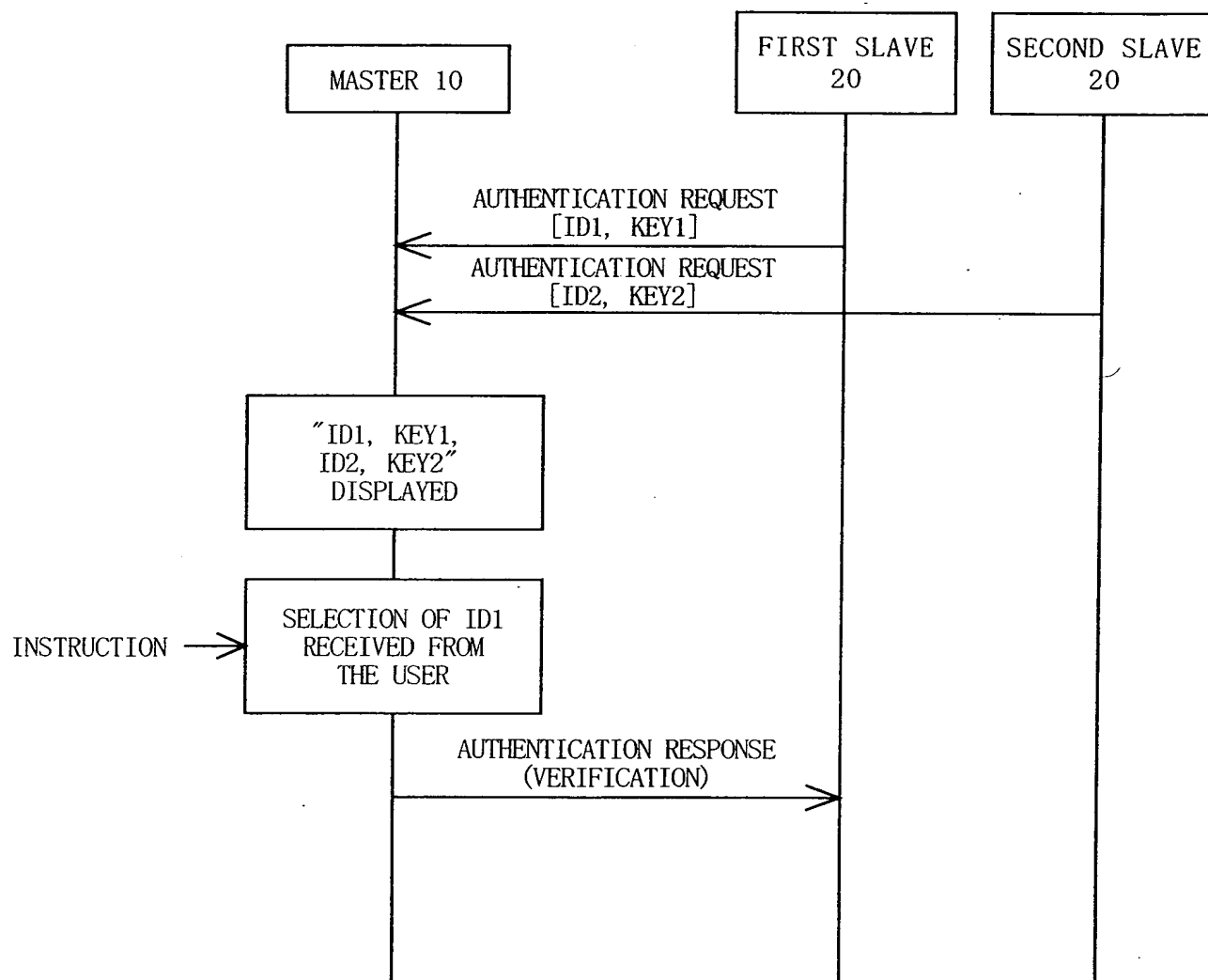
 ◀ ▶ ⬆ ⬇

FIG. 5B

ID:PANA-00001 Sign:cARToonMohekTeot

 ◀ ▶ ⬆ ⬇

FIG. 6



F I G. 7

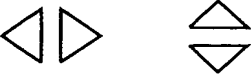
ID:PANA-00001	Key:ARocketToTheMoon
ID:PANA-00002	Key:MySecretFavorite
<input type="button" value="OK"/>	<input type="button" value="NG"/>
	

FIG. 8

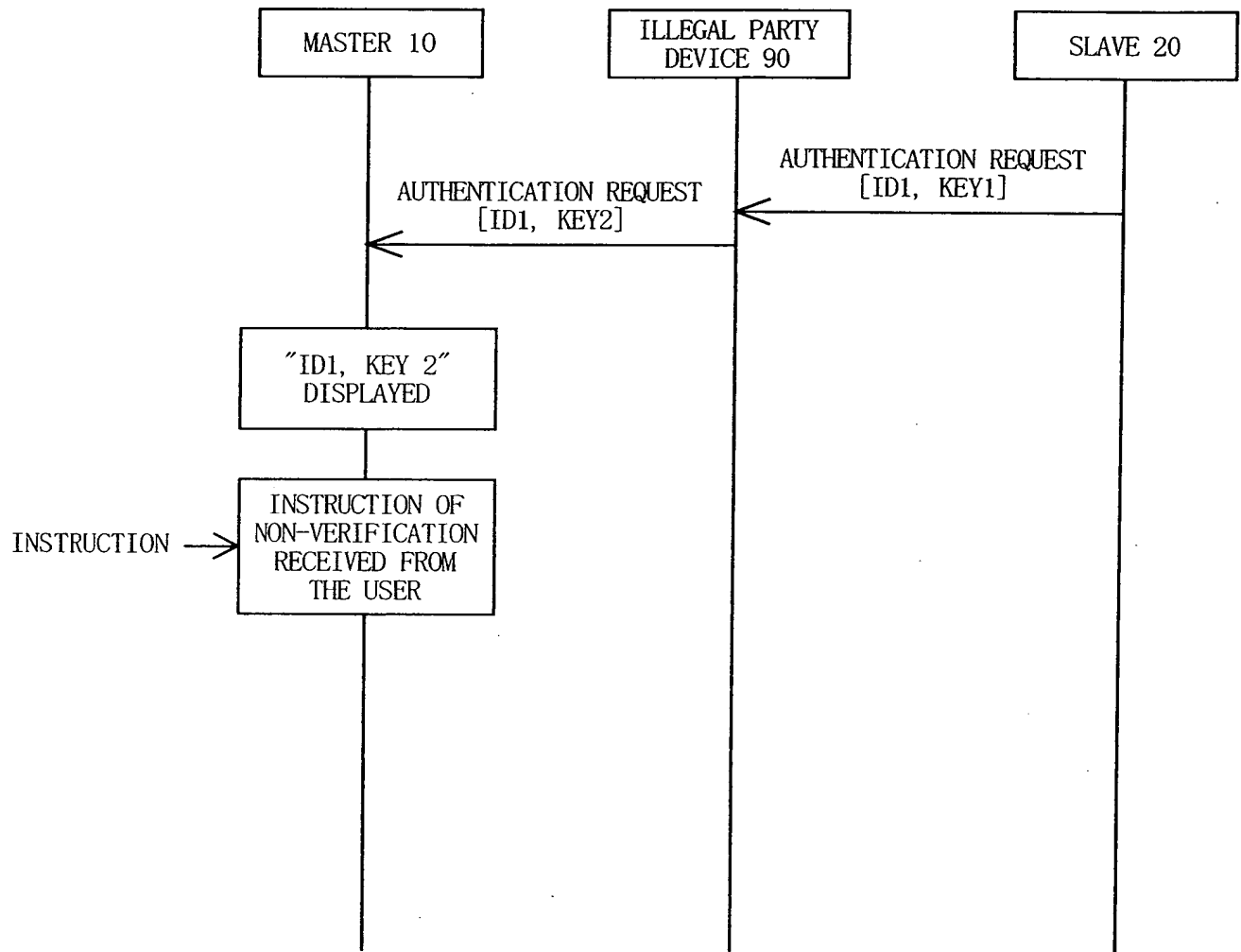


FIG. 9

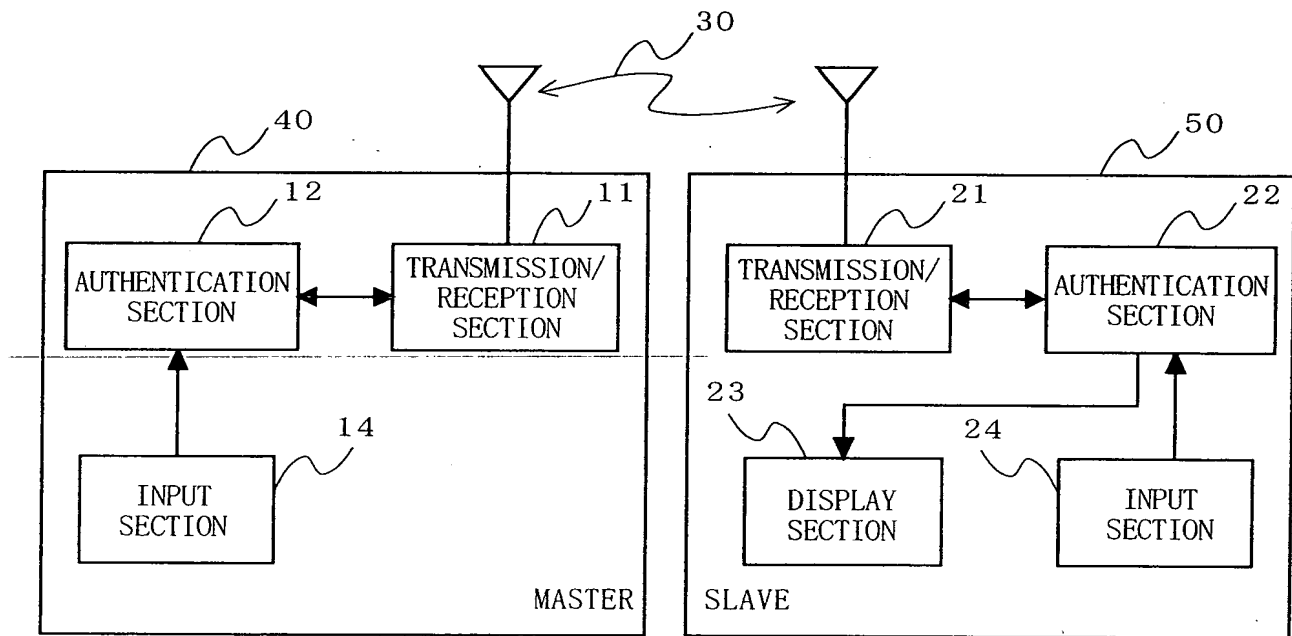


FIG. 10

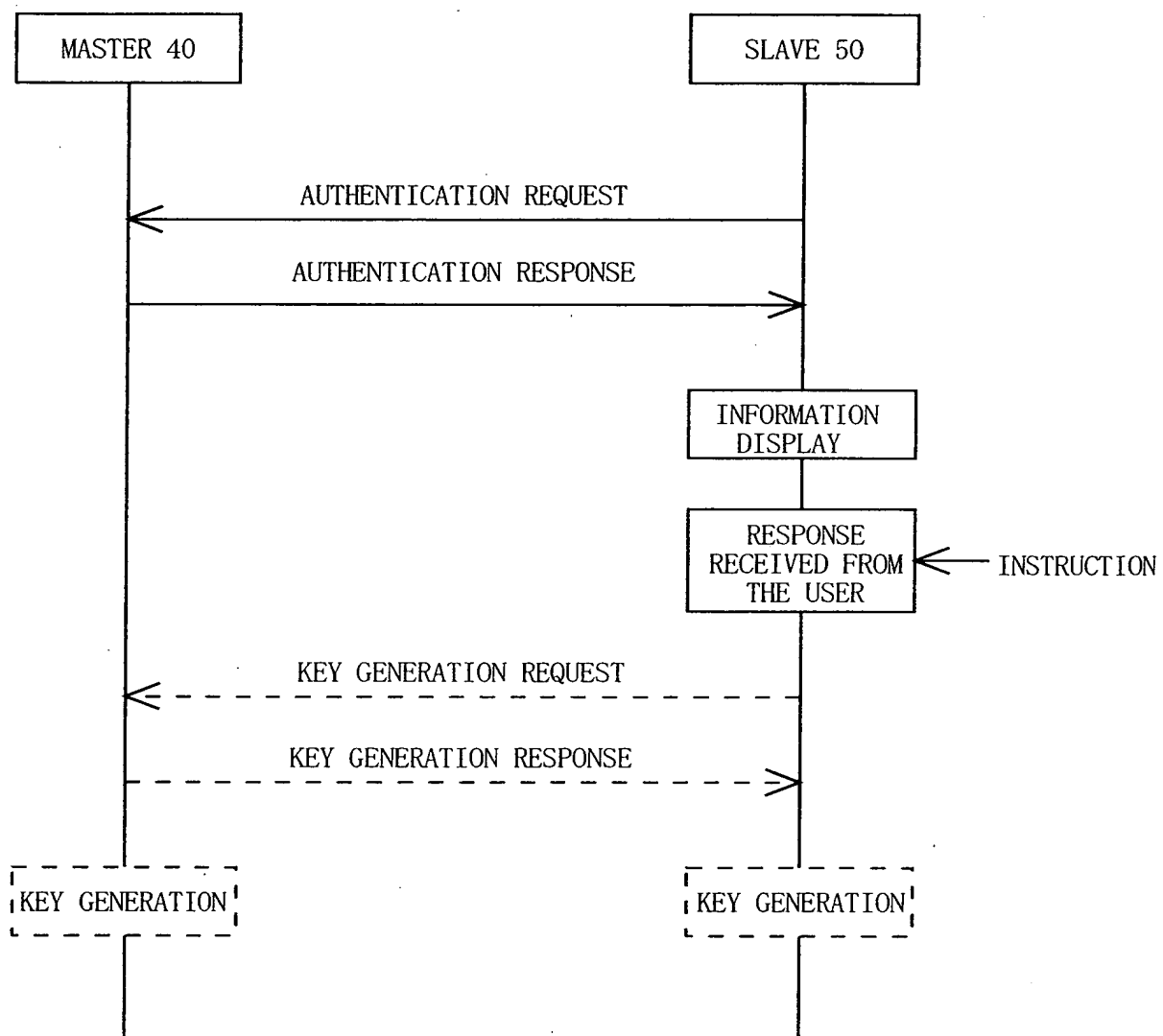


FIG. 11

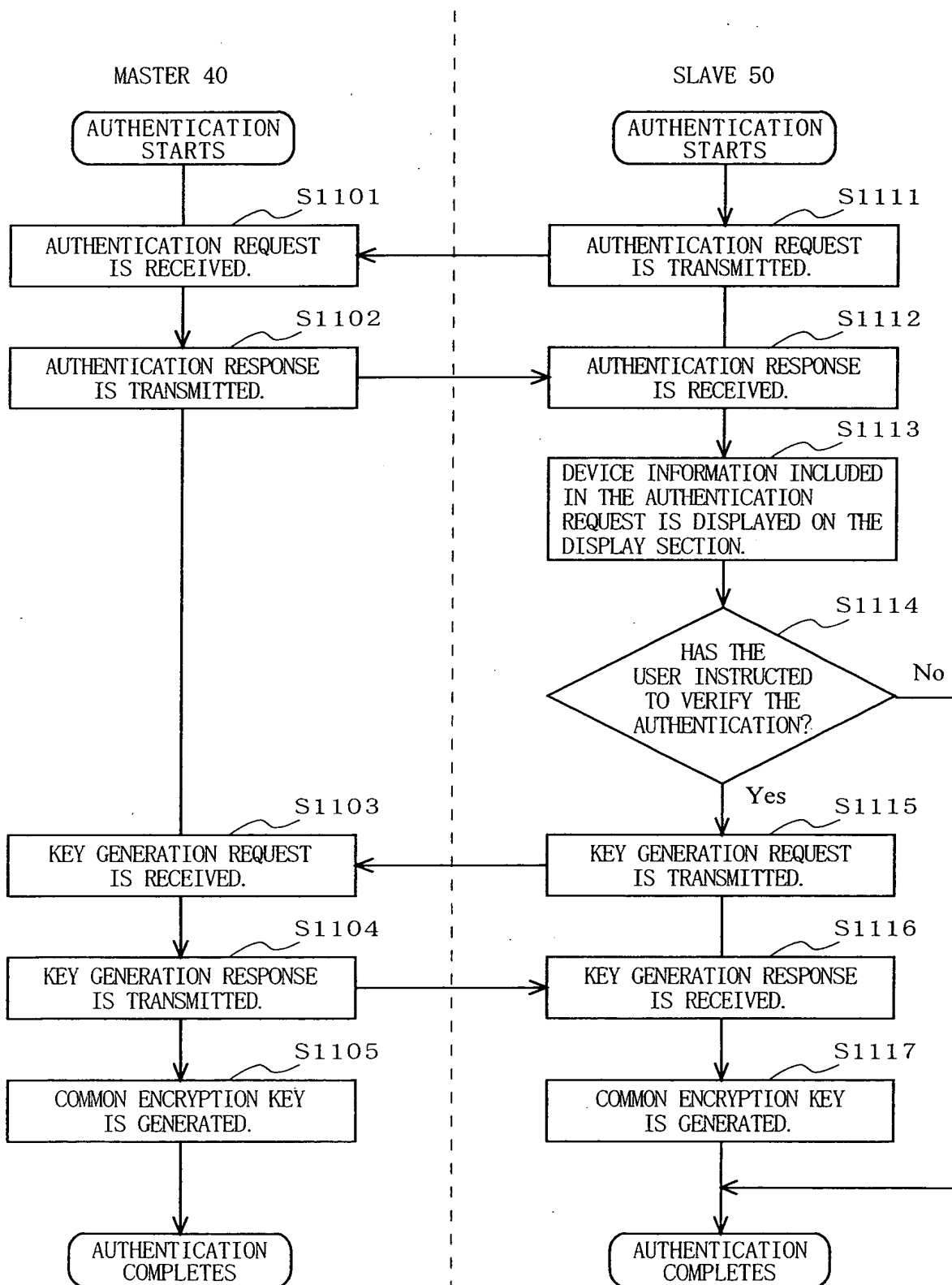


FIG. 12A

AUTHENTICATION REQUEST
IDENTIFICATION NUMBER (IDs)

FIG. 12B

AUTHENTICATION RESPONSE
IDENTIFICATION NUMBER (IDm)
PUBLIC KEY OF THE MASTER (PubKeyM)
ENCRYPTION ALGORITHM (EncAlg)
[ELECTRONIC SIGNATURE (SignM), ELECTRONIC SIGNATURE ALGORITHM (SigAlg)]

FIG. 12C

KEY GENERATION REQUEST
PUBLIC KEY OF THE SLAVE (PubKeyM(PubKeyS))
RANDOM NUMBER 1 (PubKeyM(Ns))

FIG. 12D

KEY GENERATION RESPONSE
RANDOM NUMBER 2 (PubKeyS(Nm))

FIG. 13

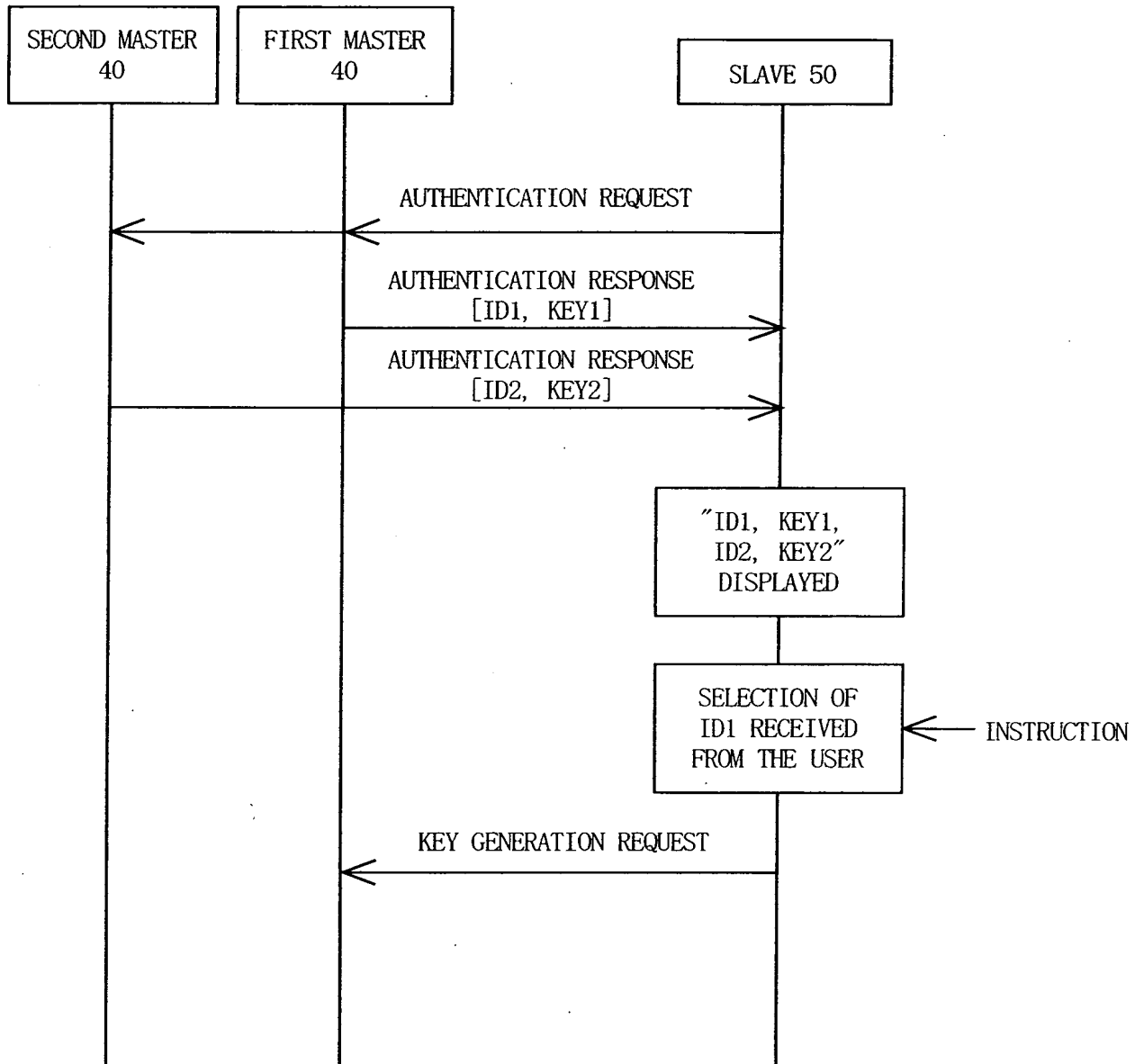


FIG. 14

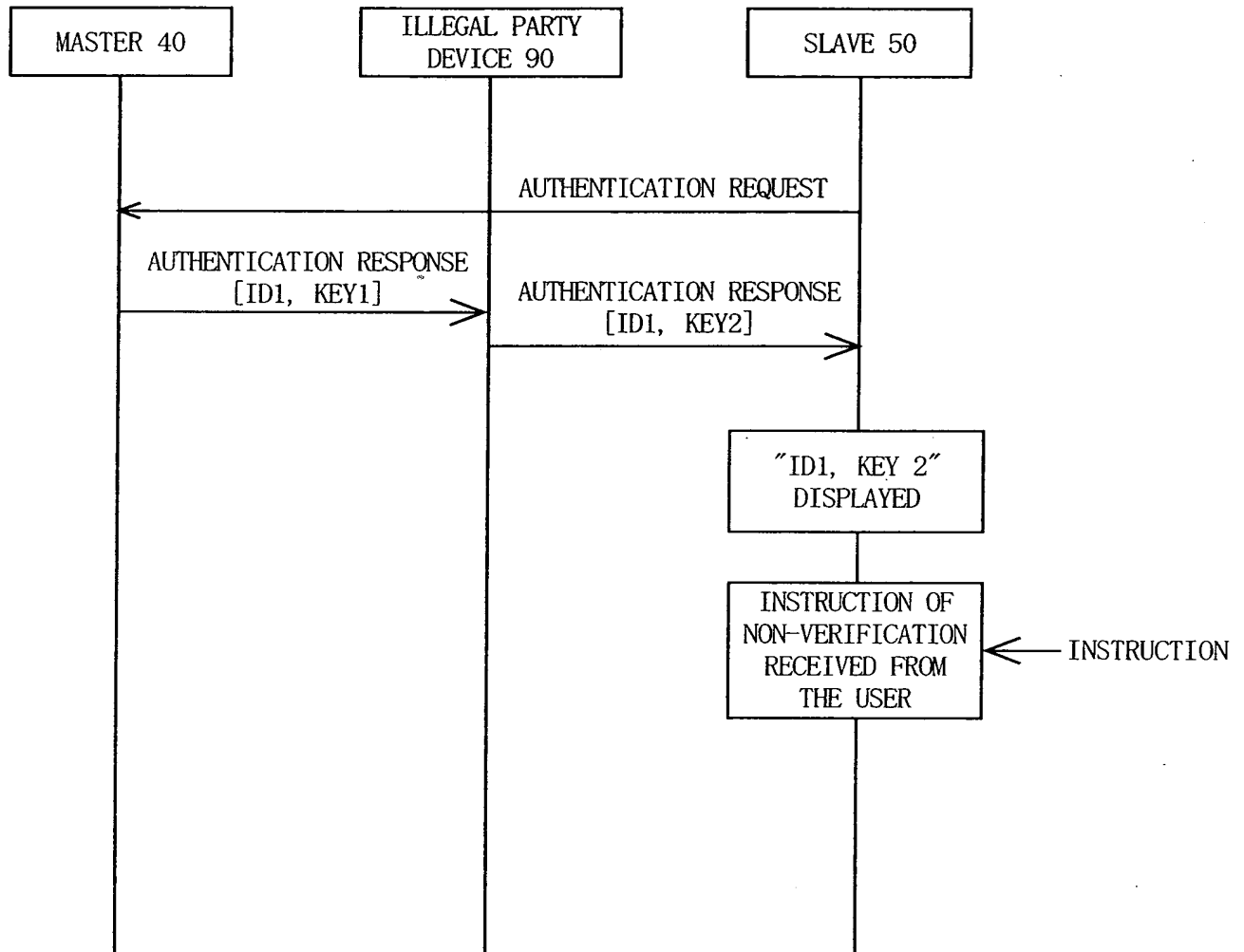


FIG. 15

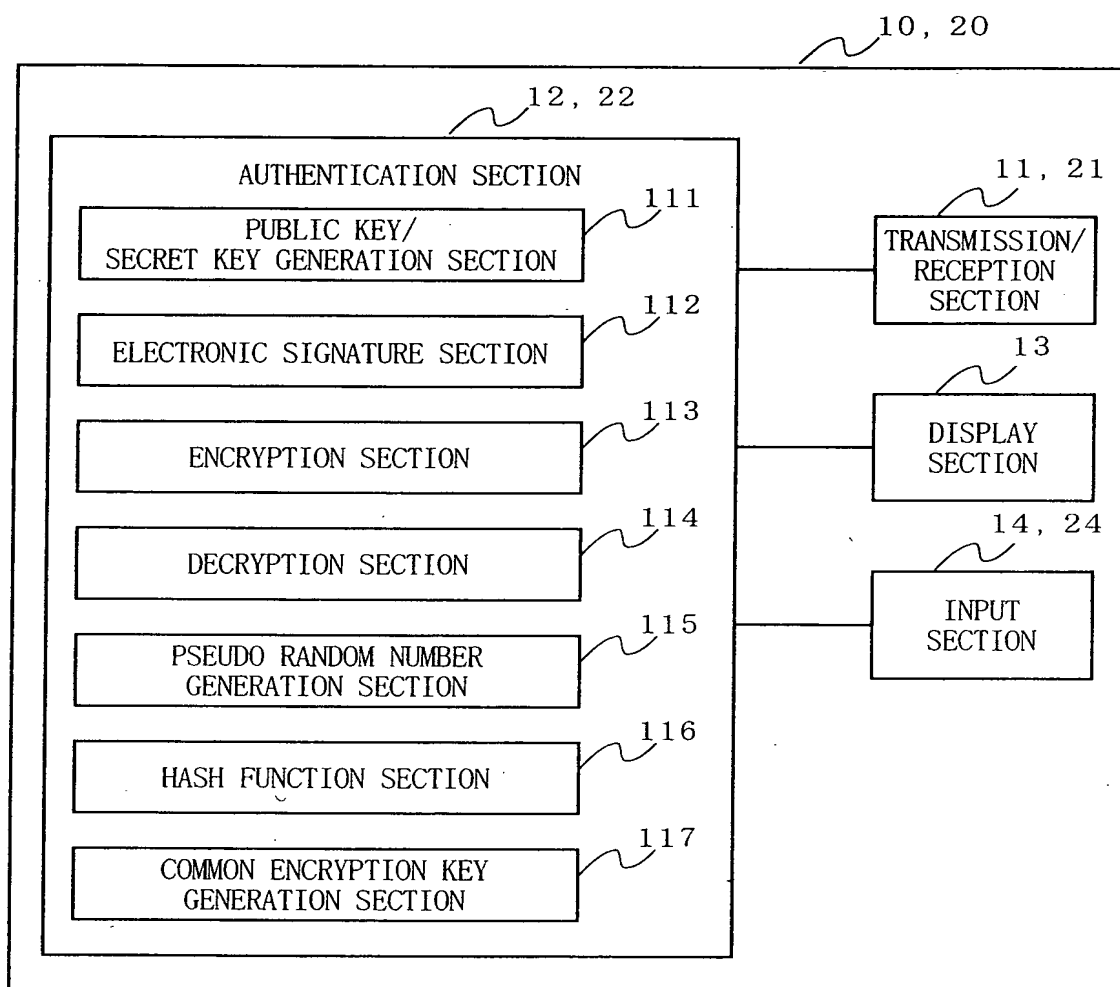


FIG. 16

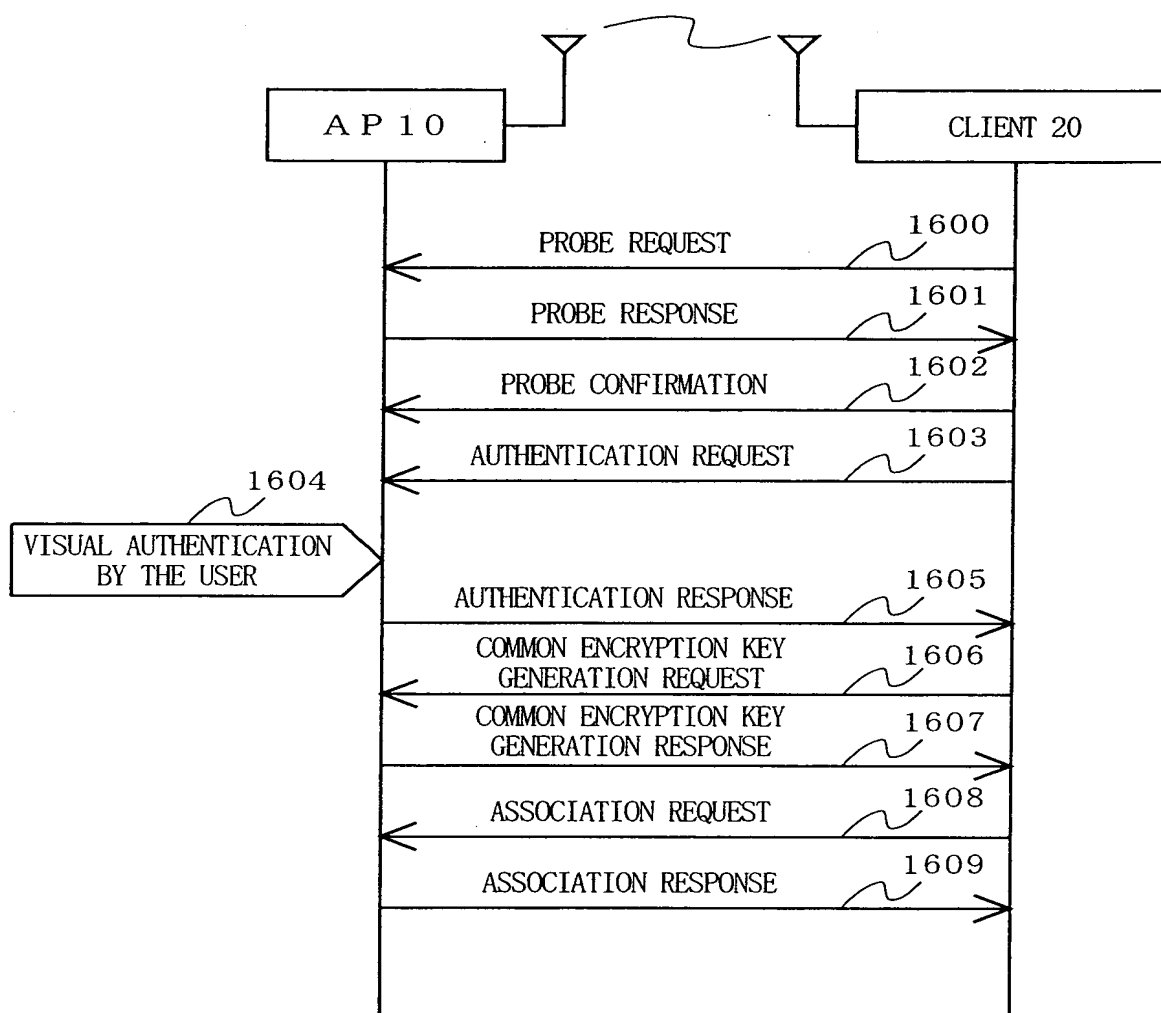


FIG. 17

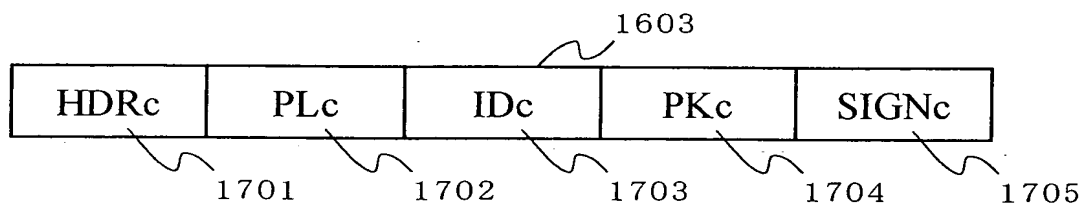


FIG. 18

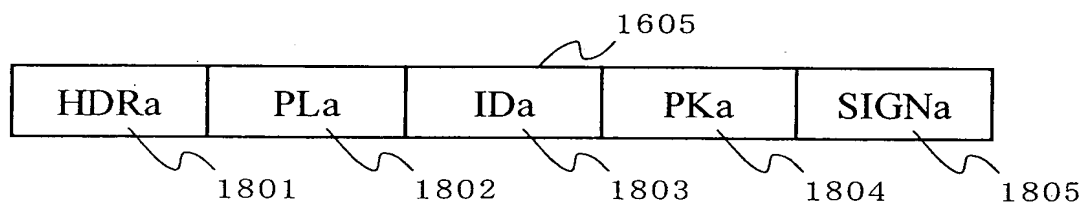


FIG. 19

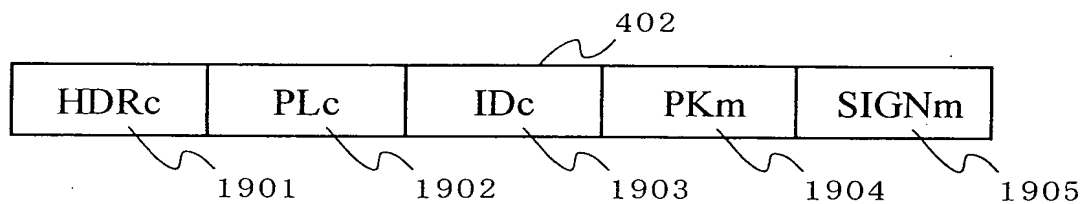


FIG. 20

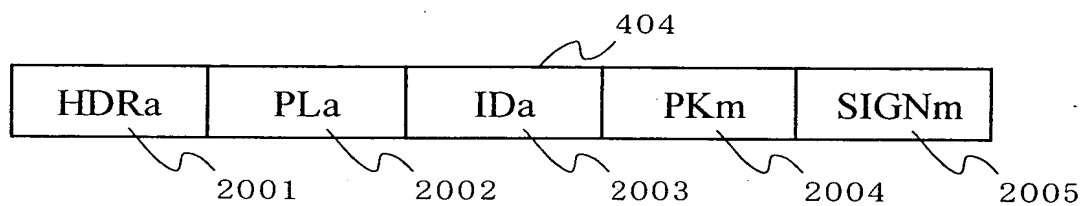


FIG. 21

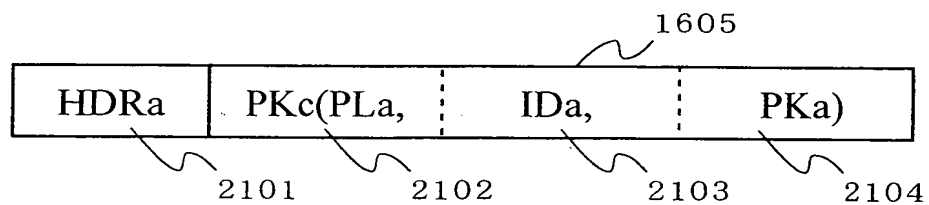


FIG. 22

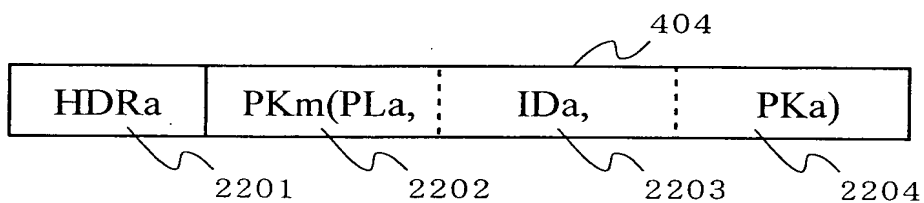


FIG. 23

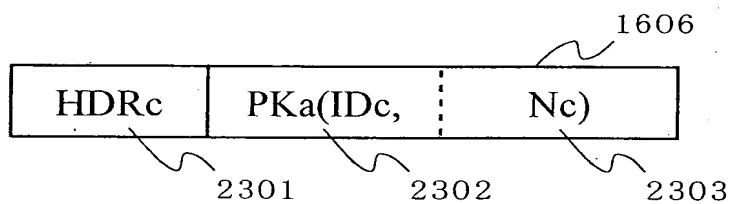


FIG. 24

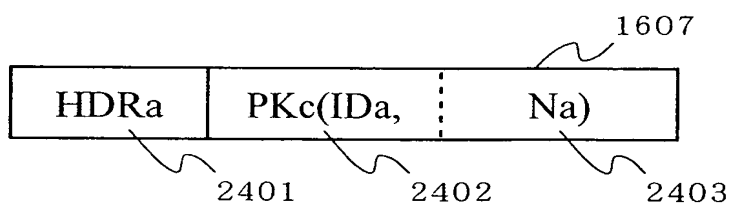


FIG. 25

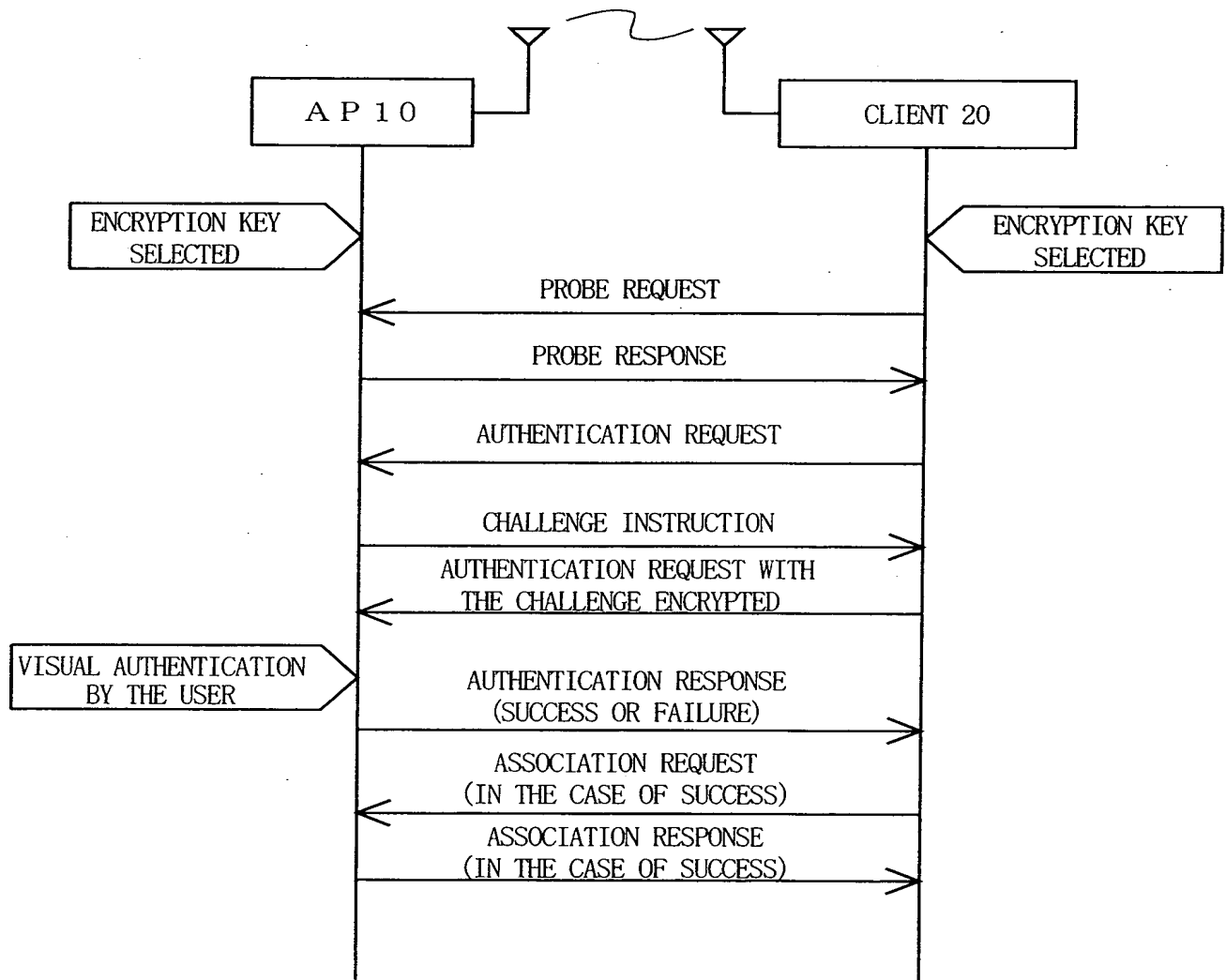


FIG. 26

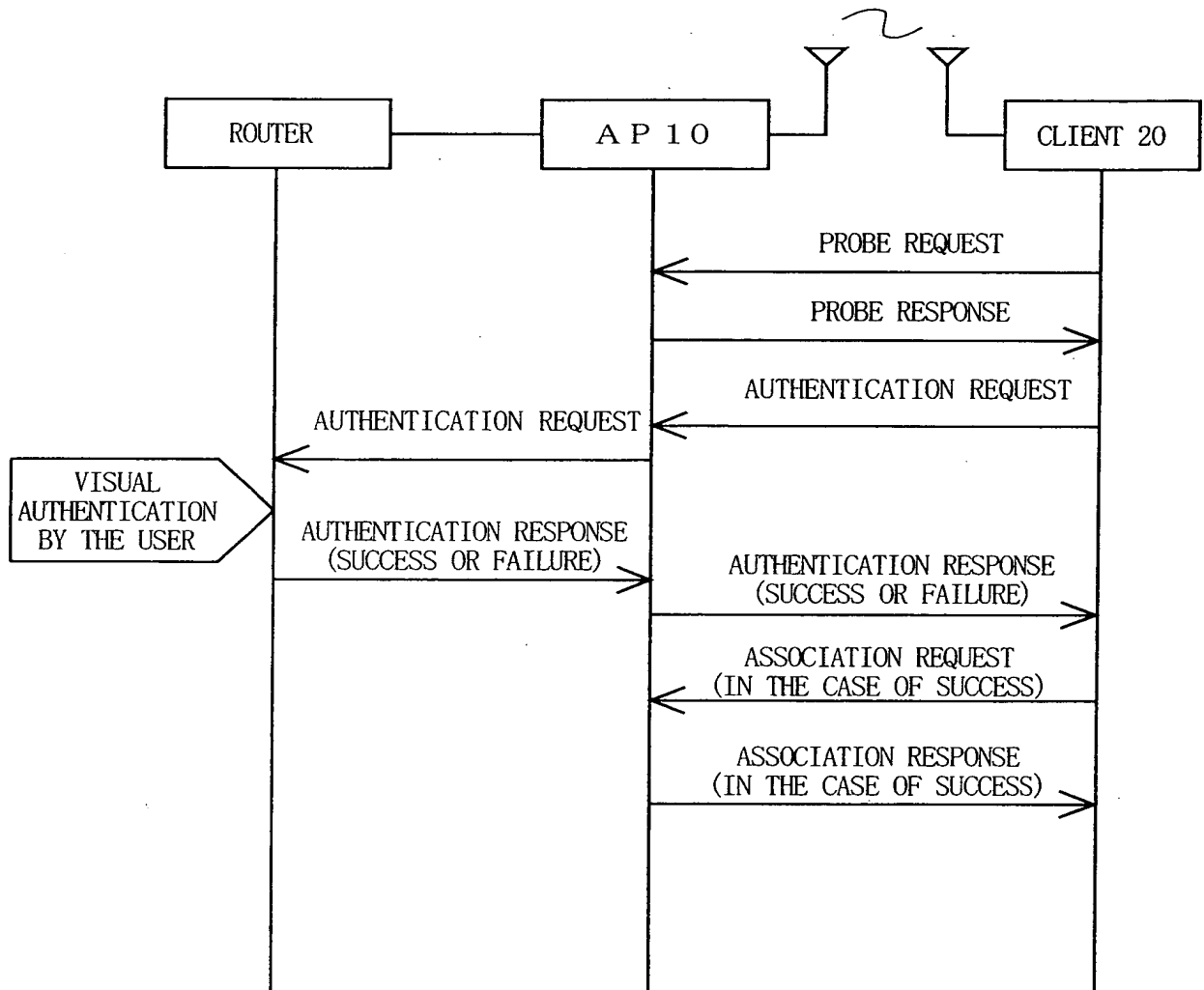


FIG. 27

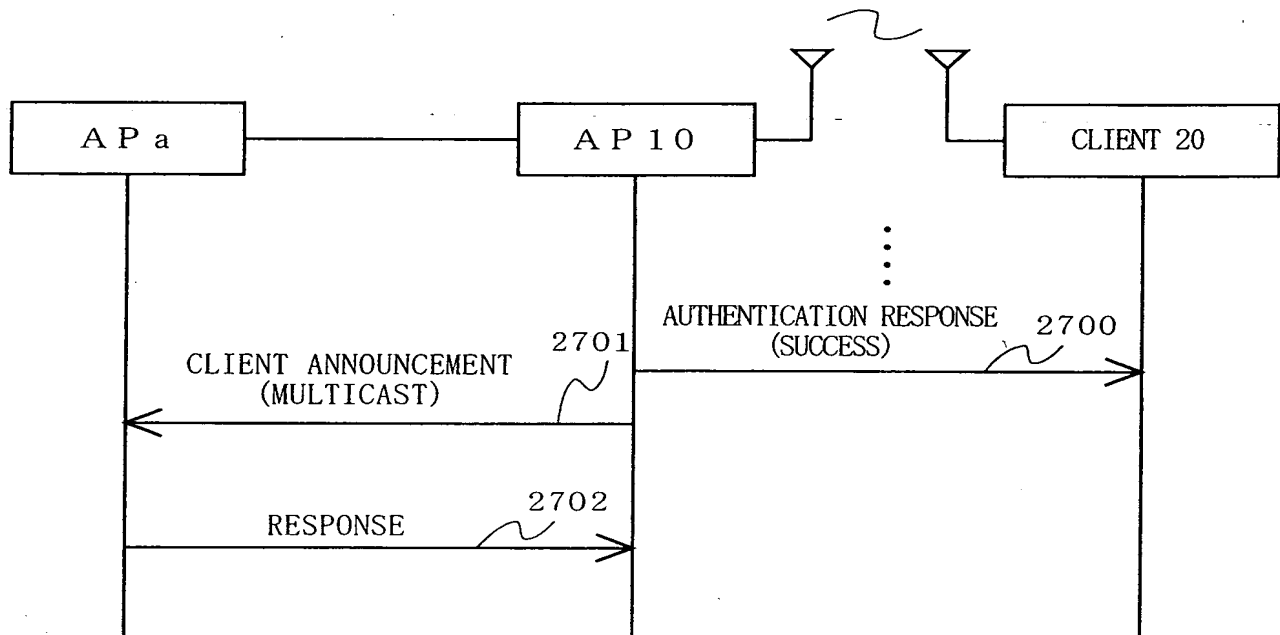


FIG. 28

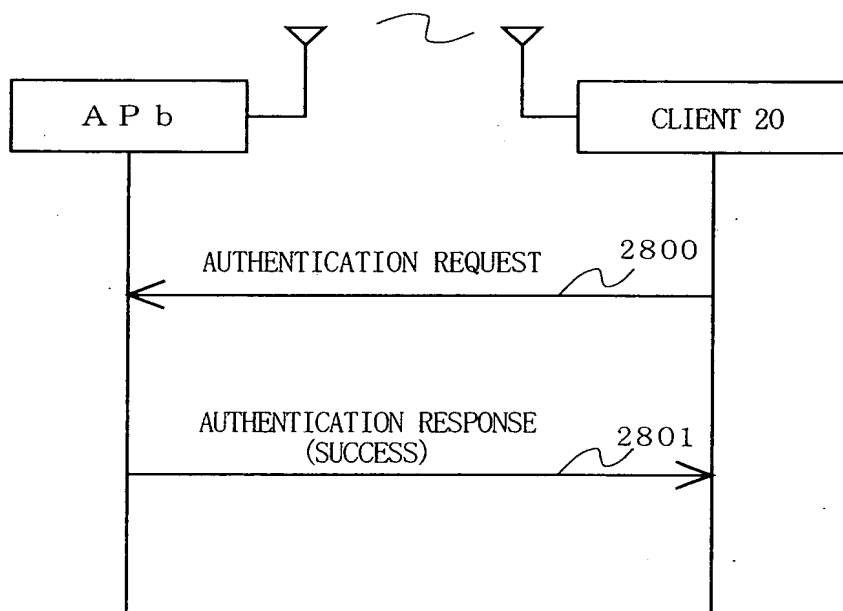


FIG. 29

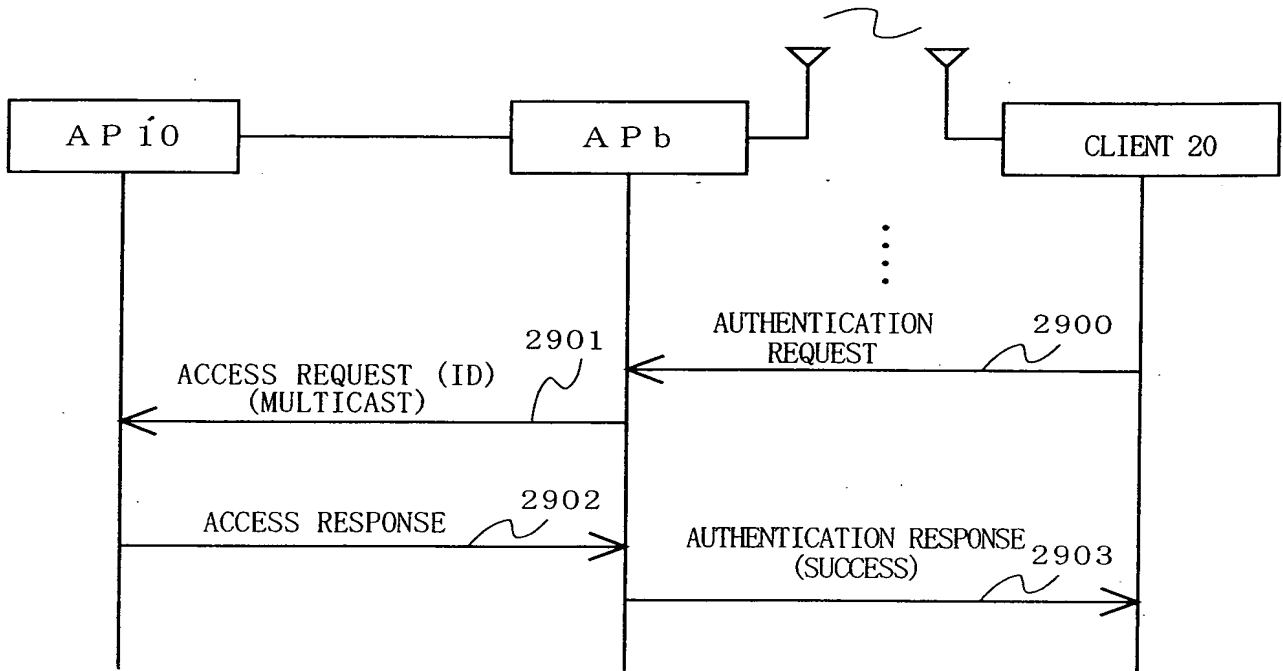


FIG. 30

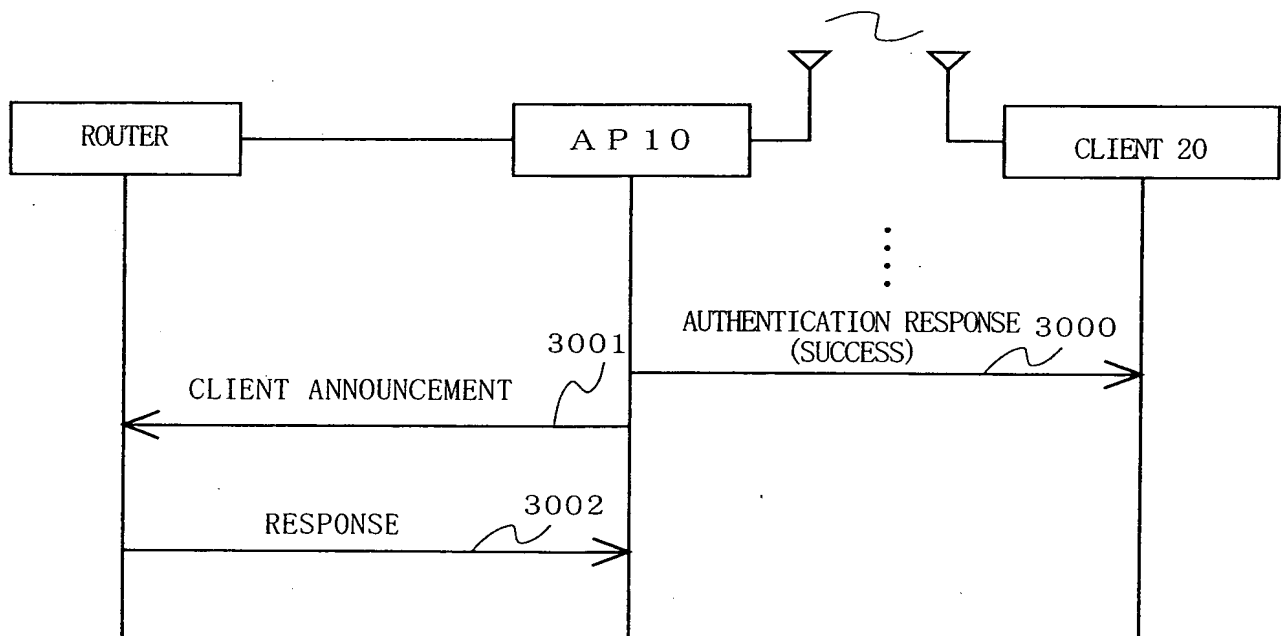


FIG. 31

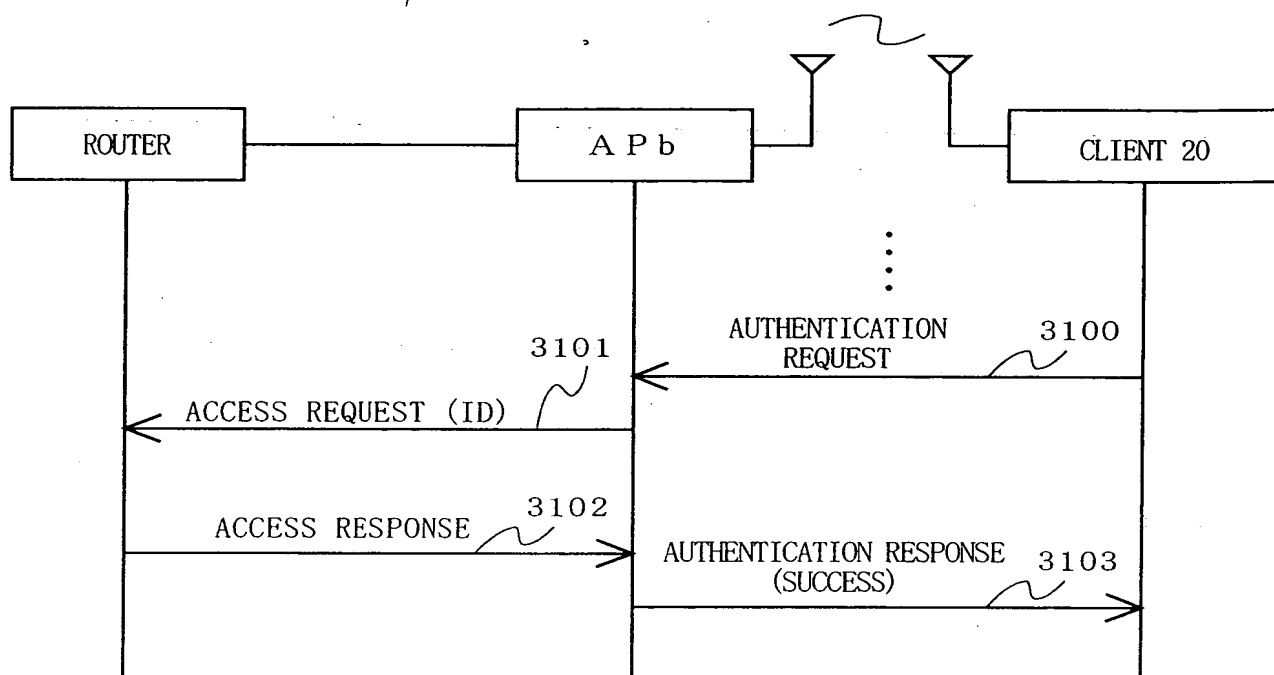


FIG. 32

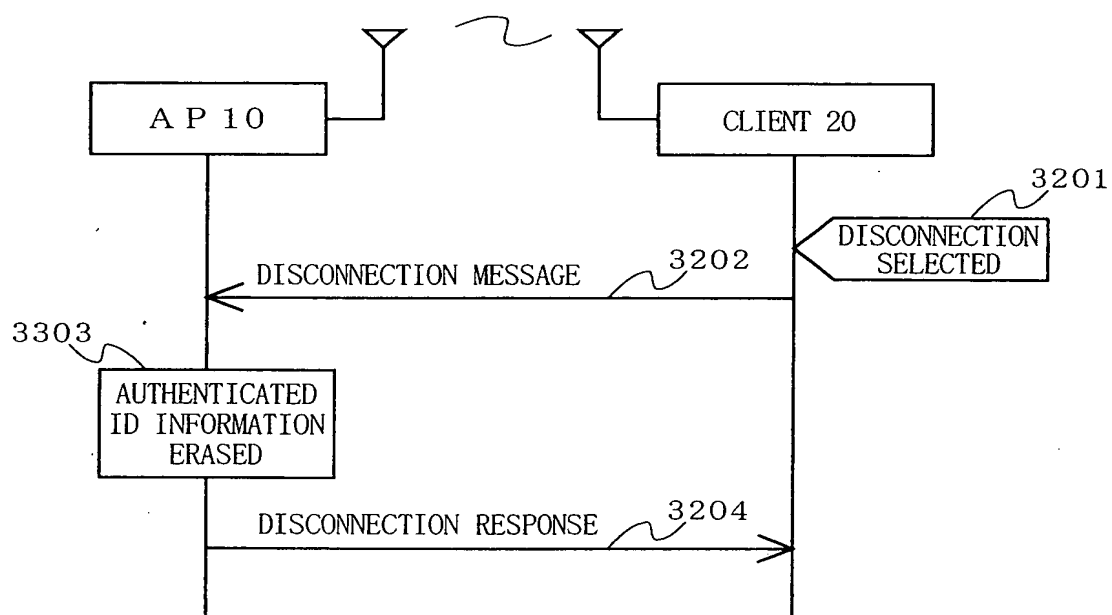


FIG. 33

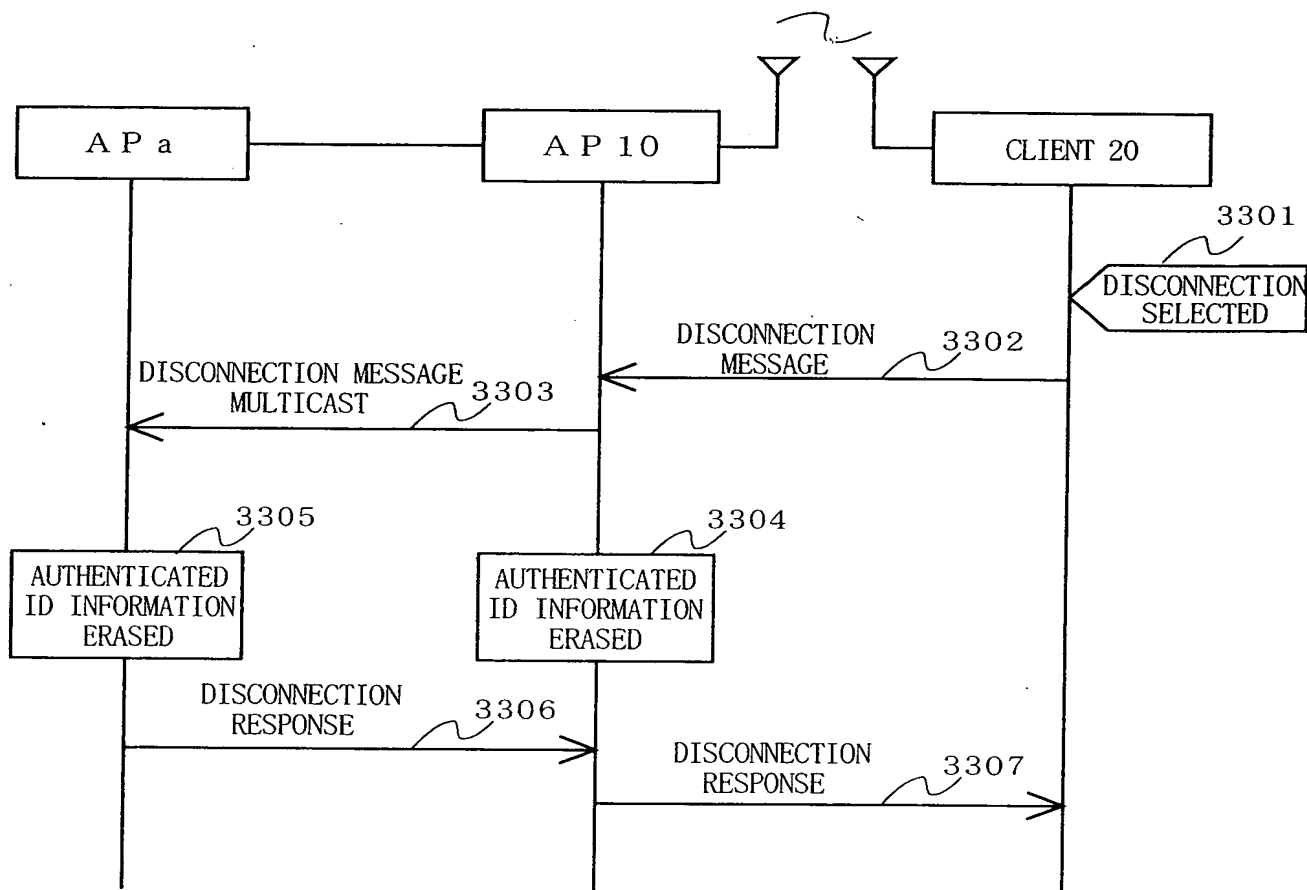


FIG. 34

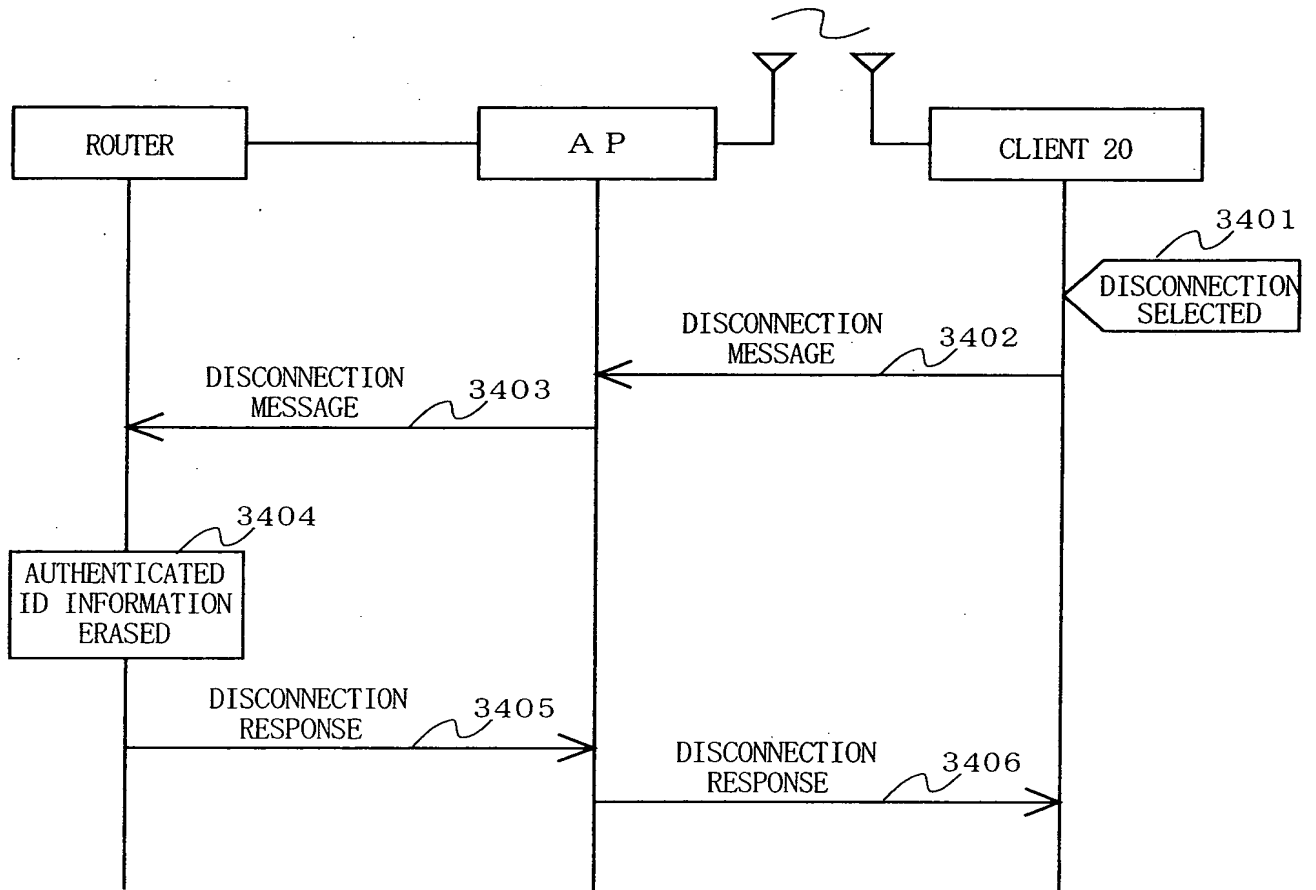


FIG. 35

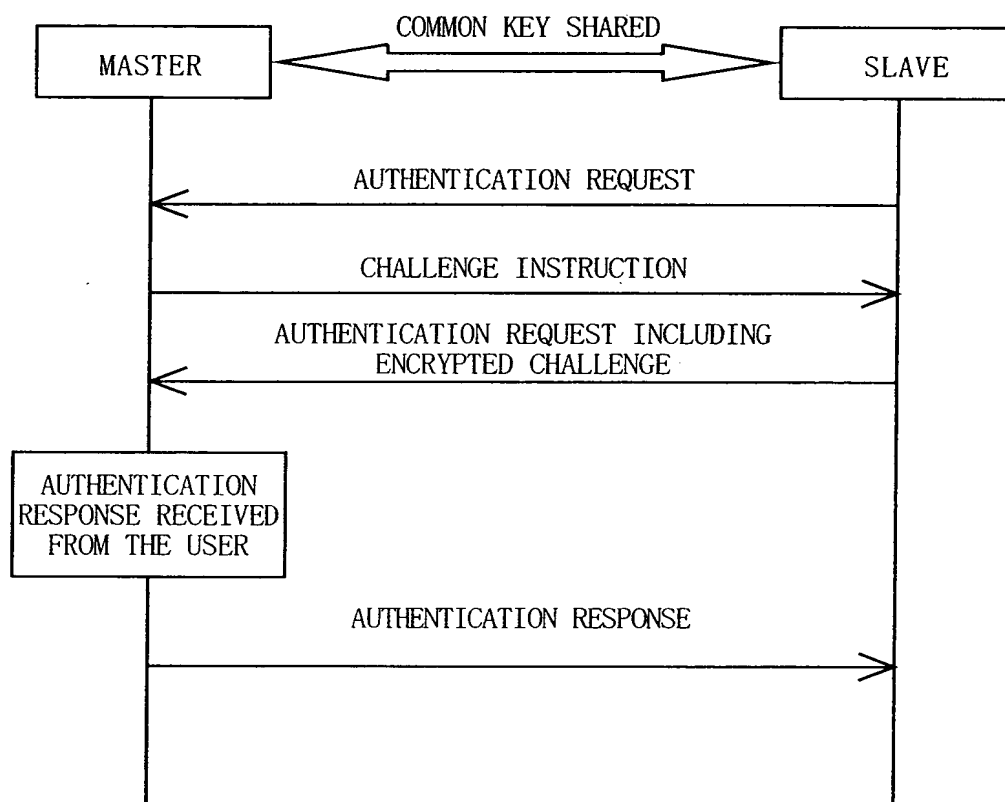


FIG. 36

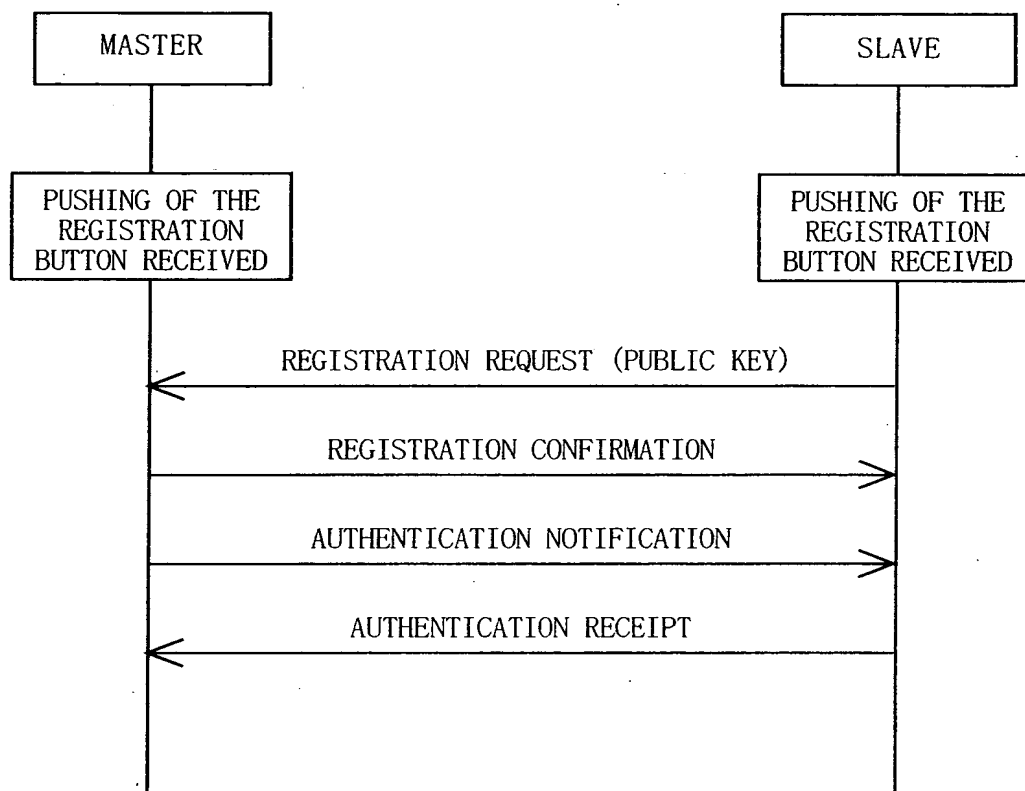


FIG. 37

